

--67. A method according to claim 33 wherein the forward primer has a sequence selected from the group:

5' TGA GGA GAC GGT GAC CGT GGT CCC TTG GCC CCA C 3' and
5' GTT AGA TCT CCA GCT TGG TCC C 3'.

68. A method according to claim 33 wherein the back primer has a sequence selected from the group:

5' AG GT(C/G) (C/A)A(G/A) CTG CAG (G/C)AG TC(T/A) GG 3' and
5' GAC ATT CAG CTG ACC CAG TCT CCA 3'.

69. A method according to claim 60 wherein said restriction enzyme recognition site is selected from the group PstI, BstEII, PvuII and BglII.

70. A method according to claim 33 for cloning a repertoire of murine immunoglobulin VH domains from a source of murine hybridoma cells which comprises:

copying by polymerase chain reaction a source repertoire of oligo-dT selected mRNA from said cells, using a forward primer comprising the sequence:

5' TGA GGA GAC GGT GAC CGT GGT CCC TTG GCC CCA C 3',

and a back primer having the sequence:

5' AG GT(C/G) (C/A)A(G/A) CTG CAG (G/C)AG TC(T/A) GG 3', and

to provide amplified DNA comprising the repertoire;

digesting the amplified DNA with PstI and BstEII; recovering the PstI-BstEII fragment;
ligating said fragment into an expression vector in operative association with a promoter.

71. A method according to claim 33 for cloning a repertoire of murine immunoglobulin Vkappa domains from a source of murine hybridoma cells which comprises:

copying by polymerase chain reaction a source repertoire of oligo-dT selected mRNA from said cells, using a forward primer comprising the sequence:

5' GTT AGA TCT CCA GCT TGG TCC C 3',

and a back primer having the sequence:

5' GAC ATT CAG CTG ACC CAG TCT CCA 3',

to provide amplified DNA comprising the repertoire;

digesting the amplified DNA with Pvull and BglIII;

recovering the Pvull-BglIII fragment;

ligating said fragment into an expression vector in operative association with a promoter.-

REMARKS

Favorable consideration of the above is requested. Claims 67-71 have been added to claim further patentable aspects of the presently disclosed invention.